FIGURE 20 illustrates use of a GUI in a SAN of the invention for unassigning and reassigning a LUN to a host,

FIGURE 21 illustrates a display containing a list of accessible LUNs;

FIGURE 22 depicts a dialogue box presented in the display of FIGURE 21 for entering a numerical threshold for selective filtering of the LUNs presented in FIGURE 21;

FIGURE 23 depicts an example of a virtual SAN of the type that can be detected by host adapters and disambiguated by a SAN manager according to the invention; and

FIGURE 24 depicts a methodology according to the invention for disambiguation of virtual SANs in a system according to the invention;

FIGURE 25 depicts internal models maintained for purposes of SAN management in a system according to the invention;

FIGURE 26 depicts a display presented utilizing the models depicted in FIGURE 25;

FIGURE 27 is a flow chart illustrating a method for responding to a file extension request issued on behalf of a host by its associated agent;

FIGURES 28 – 32 depict renderings of a SAN topology in a system according to the invention;

FIGURE 33 depicts a hierarchical file extension policy system according to the invention;

FIGURE 34 depicts a graphical user interface display according to the invention for presentation and management of the hierarchical file extension policy of FIGURE 28;

FIGURE 35 depicts host file system extension in a system according to the invention;

FIGURE 36 depicts a storage driver architecture of a Windows™ NT or Windows™ 2000 host modified in accordance with the invention;

FIGURE 37 depicts a mechanism for validating changes in the discover engine of a system according to the invention;

FIGURE 38 depicts functional components of an exemplary SAN daemon in a system according to the invention;

FIGURE 39 depicts a flow of information in a system according to the invention in response to a administrator's request to refresh a topology display;

FIGURE 40 depicts a manner in which new topology data is transmitted from a SAN manager service to a user interface module in a system according to the invention;

FIGURE 41 depicts a storage driver architecture of a Windows™ NT or Windows™ 2000 modified in accordance with the invention for kernel level fiber channel detection;

FIGURE 42 is a data flow diagram depicting execution of applications processes by the SAN manager console in a system according to the invention; and

FIGURE 43 depicts an architecture for host/agent communication and interfacing in a system according to the invention.